## **EAST Search History**

## EAST Search History (Prior Art)

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	817	((JOSEPH) near2 (MARK)).	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/01 09:30
L4	811	600/562.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
L5	69	600/563.cds.	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
L6	936	600/564.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
L7	212	600/565.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
L8	378	600/566.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
L9	76	600/571.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
L10	349	604/284.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30

L11	11	("2866457"   "2002008251 "3844272"   ' "5403276"   ' "6197005"   ' "6331165").F	"5335671"   "5868785"   "6273862"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2010/12/01 09:30
L12	61	((JOSEPH) ne INV. and biop	ear2 (MARK)). osy	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/01 09:30
L13	36	((JOSEPH) ne INV. and biop	ear2 (MARK)). osy and valve	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/01 09:30
L14	14	((JOSEPH) ne INV. and (bio valve).clm.	ear2 (MARK)). opsy and	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/01 09:30
L15	0	((JOSEPH) ne INV. and (bid valve and che		US-PGPUB; USPAT; USOCR	OR	ON	2010/12/01 09:30
L16	180	("200100147," "3401684"   "3815604"   "3815604"   "3815604"   "3815604"   "3815604"   "3815604"   "4019514"   "4167943"   "4167943"   "4210146"   "4257425"   "4549554"   "4644951"   "4657745"   "478147"   "4850373"   "4919146"   "4885027"   "5974311"   "5172701"   "5223110"   "5243110"   "5243110"   "5243110"   "5431673"   "5431673"   "5431673"   "5431673"   "5431673"   "5431673"   "5431673"   "5520635"   "5431673"   "569086"   "569086"   "5769086"   "5769086"   "5769086"   "5769086"   "576908898"	"3561429"   "3937222"   "3937222"   "3937222"   "3937322"   "3937322"   "4007742"   "4117843"   "4117843"   "4117843"   "4117843"   "4246902"   "4368734"   "4562838"   "4650472"   "4562838"   "4650472"   "4906298"   "4917598"   "5027827"   "5027827"   "5027827"   "5027827"   "5106364"   "5273051"   "5273051"   "5273051"   "5275801"   "5415133"   "5456267"   "5580347"   "5669923"   "5669923"   "57669923"   "5755731"   "5755333"   "57786851"	US PGPUB; USPAT; USOCR	OR	ON	2010/12/01

	<u>интинитининтинитинитинитинитинитинитини</u>	"5843111"   "5848978"   "5851212"   "5893862"   "5911701"   "5913657"   "5911701"   "5913657"   "5916229"   "5928164"   "5928218"   "5928164"   "5962716"   "5980469"   "5980546"   "5989196"   "5987560"   "6007497"   "6012494"   "6017316"   "6019733"   "6019743"   "6048339"   "605955"   "6066700"   "6077230"   "6086544"   "6036042"   "6120462"   "6120463"   "612965"   "61887"   "613673"   "6251120"   "6283957"   6256624"   "6461350"   "RE33258")   PN. OR ("2002/0082519"     "6419641"   "6638235")				
L17	133	L16 and @ad< "20040225"	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	0Z	2010/12/01 09:30
L18	0	L17 and (vlave)	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
L19	42	L17 and (valve)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
L20		["3659607"   "3693613"   "3732858"   "3901231"   "4016882"   "4188707"   "4190059"   "4315520"   "4320761"   "4428748"   "4517963"   "4705500"   "4757814"   "4764165"   "4817599"   "4832685"   "4946434"   "5026387"   "5053002"   "5062774"   "5053002"   "5062774"   "55269719"   "5211625"   "5242404"   "5526822"   "5649547"   "6697988"   "5775333"   "5885261").	US PGPUB; USPAT; USOCR	OR	ON	2010/12/01 09:30

	***************************************	PN. OR ("2001/0014785"   "5580347"   "6162187"). URPN.		***************************************		***************************************
L21	39612	@ad<"20040225" and biopsy	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
L22	203	@ad<"20040225" and biopsy and ("check valve")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
L23	111	@ad<"20040225" and biopsy and ("check valve") and vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
L24	22	@ad<"20040225" and biopsy and ("check valve") same vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
L25	54	L20 and @ad<"20040225"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
L26	29	L20 and @ad<"20040225" and valve	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
L27	9	(US-20010014785-\$). did. or (US-6638235-\$ or US- 5580347-\$ or US- 6162187-\$ or US- 4598698-\$ or US- 4750902-\$ or US- 4188707-\$ or US- 4832685-\$ or US- 5885261-\$). did.	US-PGPUB; USPAT	OR	ON	2010/12/01 09:30

L28	6	L27 and (check)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
L29	0	L27 and (check) and luer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
L30	4861	600/300.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
L31	108	600/560.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
L32	1017	600/561.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
L33	1470	600/573.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
L34	726	600/576.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
L35	514	600/577.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30

L36	334	600/578.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
L37	218	600/579.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
L38	649	600/101.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
L39	212	600/131.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
L40	5032	@ad<"20040225" and biopsy and valve	US-PGPUB; USPAT; USCCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
L41	455	@ad< "20040225" and biopsy and valve and ("duckbill" diaphragm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
L42	46	@ad<"20040225" and biopsy and valve and ("duckbill")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
L43	43	@ad<"20040225" and biopsy and valve same ("duckbill")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30

L44	43	@ad<"20040225" and biopsy and valve with ("duckbill")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
L45	O	@ad<"20040225" and biopsy same valve with ("duckbill")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
L46	25	@ad<"20040225" and biopsy and valve with ("duckbill") and vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
L47	3	@ad<"20040225" and biopsy and valve with ("duckbill") same vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
L48	2	@ad<"20040225" and biopsy and valve with ("duckbill") with vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:30
L49	35	(US-20020082519-\$ or US- 2001014785-\$ or US- 20040147813-\$), did. or (US-6419641-\$ or US- 6638235-\$ or US- 3315604-\$ or US- 4007742-\$ or US- 4019511-\$ or US- 4246902-\$ or US- 5403276-\$ or US- 5580347-\$ or US- 5643304-\$ or US- 5643304-\$ or US- 5643111-\$ or US- 5640319-\$ or US- 6007497-\$ or US- 6007497-\$ or US- 6086544-\$ or US- 6086644-\$ or US- 626624-\$ or US- 4598698-\$ or US-	US-PGPUB; USPAT	OR .	ON	2010/12/01 09:31

	***************************************	4757814-\$ or US- 4832685-\$ or US- 4946434-\$ or US- 5242404-\$ or US- 5697989-\$), did. or (US- 5885261-\$ or US- 6273862-\$ or US- 577362-\$ or US- 5282790-\$ or US- 5282790-\$ or US- 5505210-\$), did.		***************************************		
L50	4	I49 and @ad<"20040225" and biopsy and ("check valve") same vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:32
L51	51	@ad<"20040225" and biopsy and valve and ("Y" with (connector bifurcat \$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 09:35
S1	615	((JOSEPH) near2 (MARK)). INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/15 08:46
S2	666	600/562.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/15 08:48
S3	57	600/563.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/15 08:48
S4	792	600/564.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/15 08:48
S5	160	600/565.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB	OR	ON	2008/08/15 08:48

S6	278	600/566.cals.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	0N	2008/08/15 08:48
<b>S</b> 7	65	600/571.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/15 08:48
S8	327	604/284.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/15 08:48
S9	111	("2866457"   "20020082519"   "3844272"   "5335671"   "5403276"   "5868785"   "6197005"   "6273862"   "6331165").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/08/15 08:48
S10	52	((JOSEPH) near2 (MARK)). INV. and biopsy	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/27 08:44
S11	31	((JOSEPH) near2 (MARK)). INV. and biopsy and valve	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/27 08:45
S12	13	((JOSEPH) near2 (MARK)). INV. and (biopsy and valve).clm.	US-PGPUB; USPAT; USOOR	OR	ON	2009/10/27 08:50
S13	0	((JOSEPH) near2 (MARK)). INV. and (biopsy and valve and check).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/27 08:50
S14	141	("20010014785"   "3401684"   "3561429"   "3815604"   "3937222"   "3838505"   "3945375"   "3994297"   "4007742"   "4019514"   "4117843"   "4167943"   "4167944"   "4210146"   "426902"   "4257425"   "4368734"   "4513745"   "4562838"   "464951"   "4569381"   "4651753"   "4969298"   "4708147"   "4817631"   "4850373"   "4907598"   "4919146"   "4926877"   "4985027"   "5027827"   "5074311"   "5163644"	US PGPUB; USPAT; USOOR	OR .	ON	2009/10/27

S17	40	S15 and (valve)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 09:21
S18	63	("3659607"   "3693613"   "3732858"   "3901231"   "47016882"   "4168707"   "4190059"   "4315520"   "4320761"   "4428748"   "4517963"   "4705500"   "44577814"   "4764165"   "4817599"   "4832685"   "4817599"   "4832685"   "5053002"   "5062774"   "5157603"   "5188102"   "5242404"   "5526822"   "5649547"   "5697898"   "5775333"   "5885261")   PN. OR ("2001/0014785"   "5580347"   "6162187")	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/27 09:37
S19	39073	@ad<"20040225" and biopsy	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 09:37
S20	197	@ad<"20040225" and biopsy and ("check valve")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 09:37
S21	107	@ad<"20040225" and biopsy and ("check valve") and vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 09:38
<b>S2</b> 2	22	@ad<"20040225" and biopsy and ("check valve") same vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB	OR	ON	2009/10/27 09:38

S23		\$18 and @ad< "20040225"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	22009/10/27 09:54
S24	29	S18 and @ad<"20040225" and valve	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 09:54
S25	9	(US-20010014785-\$).did. or (US-6638235-\$ or US- 5580347-\$ or US- 6162187-\$ or US- 4598698-\$ or US- 4750902-\$ or US- 4168707-\$ or US- 4832685-\$ or US- 5885261-\$).did.	US-PGPUB; USPAT	OR	ON	2009/10/27 10:48
S26	6	S25 and (check)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 10:48
S27	0	S25 and (check) and luer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 10:48
S28	4353	600/300.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/30 08:00
<b>S2</b> 9	107	600/560.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/30 08:00
S30	945	600/561.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/30 08:00

S31	1375	600/573.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/30 08:01
S32	685	600/576.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/30 08:01
S33	504	600/577.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/30 08:01
S34	324	600/578.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/30 08:01
S35	212	600/579.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/30 08:01
S36	573	600/101.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/30 09:29
S37	198	600/131.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/30 09:29
S38	4947	@ad<"20040225" and biopsy and valve	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/30 09:50

S39	444	@ad<"20040225" and biopsy and valve and ("duckbill" diaphragm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/30 09:51
S40	46	@ad<"20040225" and biopsy and valve and ("duckbill")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/30 09:51
S41	43	@ad<"20040225" and biopsy and valve same ("duckbill")	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/30 09:51
S42	43	@ad< "20040225" and biopsy and valve with ("duckbill")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/30 09:51
S43	O	@ad<"20040225" and biopsy same valve with ("duckbill")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/30 09:51
S44	25	@ad< "20040225" and biopsy and valve with ("duckbill") and vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/30 09:53
S45	3	@ad< "20040225" and biopsy and valve with ("duckbill") same vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/30 09:53
S46	2	@ad< "20040225" and biopsy and valve with ("duckbill") with vacuum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/30 09:53

## EAST Search History (Interference)

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12/1/2010 11:58:40 AM

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